# UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 01640333AA

Total Pages in this Submission

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4. ☑ Oath or Declaration a. ☑ Newly executed (original or copy) □ Unexecuted b. □ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only) c. ☑ With Power of Attorney □ Without Power of Attorney d. □ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).  5. □ Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is sur Box 4b, is considered as being part of the disclosure of the accompanying application an incorporated by reference therein. 6. □ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix) 7. □ Application Data Sheet (See 37 CFR 1.76) 8. □ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included) a. □ Computer Readable Form (CFR) b. □ Specification Sequence Listing on: i. □ CD-ROM or CD-R (2 copies); or ii. □ Paper c. □ Statement(s) Verifying Identical Paper and Computer Readable Copy  Accompanying Application Parts  9. ☒ Assignment Papers (cover sheet & document(s)) 10. □ 37 CFR 3.73(B) Statement (when there is an assignee) 11. □ English Translation Document (if applicable) 12. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations 13. □ Preliminary Amendment 14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. □ Certificate of Mailling											
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**Application Elements (Continued)** 

### **UTILITY PATENT APPLICATION TRANSMITTAL** (Small Entity)

01640333AA

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

Docket No.

#### TO THE COMMISSIONER FOR PATENTS

**Mail Stop Patent Application** P.O. Box 1450 Alexandria, VA 22313-1450

Transmitted herewith	for filing under 35 U.S.C	. 111(a) and 37	C.F.R. 1.53(b)	is a new utility	patent application for ar
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					Application	i Elements		
1. 🗵	Filing	fee as	calculated and	trar	nsmitted as desc	ribed below		
2. 🗵	Spec	ification	having		19	pages and ir	ncluding the following:	
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	a. Descriptive Title of the Invention							
	application (in application)							
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d.		Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix						
e.	X	Background of the Invention						
f.	X	Brief Summary of the Invention						
g.	X	Brief Description of the Drawings (if filed)						
h.	X	Detailed Description						
i.	$\boxtimes$	Claim(s) as Classified Below						
j.	×	Abstract	of the Disclos	sure				
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# UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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		Accompanying Application Parts (Continued)								
17.	$\boxtimes$	Applicant claims small entity status. See 37 CFR 1.27.								
		☐ (Optional) Small Entity Statement(s) - Specify Number of Statements Submitted:								
40	E-3									
18.	×	Additional Enclosures (please identify below):  2 checks in the amount of \$40.00 each to cover assignment recordations								
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		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)								
19.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.								
		Warning Warning								
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.								

### UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

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#### **CLAIMS AS FILED** For #Filed #Allowed #Extra Rate Fee \$0.00 **Total Claims** 15 - 20 = 0 \$9.00 Indep. Claims 2 - 3 = 0 \$42.00 \$0.00 Multiple Dependent Claims (check if applicable) \$0.00 **BASIC FEE** \$375.00 OTHER FEE (specify purpose) \$0.00 **TOTAL FILING FEE** \$375.00 A check in the amount of \$375.00 to cover the filing fee is enclosed. ☐ The Director is hereby authorized to charge and credit Deposit Account No. 50-2041 as described below. ☐ Charge the amount of as filing fee. Credit any overpayment. ☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Dated: Signature Michael E. Whitham Reg. No. 32,635 Whitham, Curtis & Christofferson, P.C. 11491 Sunset Hills Road, Suite 340 Reston, VA 20190 (703) 787-9400 CC: **CUSTOMER NUMBER 30743**